ELSEVIER

European Journal of Operational Research 97 (1997) 611–613

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH

Contents Volume 97

1 Strategic financial risk management and operations research (Invited Review)
J.M. Mulvey, D.P. Rosenbaum and B. Shetty

17 A note on the design of a two-sided, two-stage screening procedure with a prescribed outgoing quality
D.S. Bai and H.M. Kwon

22 Audit scheduling with overlapping activities and sequence-dependent setup costs
B. Dodin and A.A. Elimam

34 The application of reliability constrained stochastic capacity planning models to the service sector
J.S. Boronico

41 The DH/KD algorithm: a hybrid approach for unconstrained two-dimensional cutting problems
M. Hifi

53 Preference programming and inconsistent interval judgments
R. Islam, M.P. Biswal and S.S. Alam

63 A Lagrangean heuristic for the facility location problem with staircase costs
K. Holmberg and J. Ling

75 Heuristic concentration: two stage solution construction
K.E. Rosing and C.S. ReVelle

87 Weber problems with alternative transportation systems
E. Carrizosa and A.M. Rodríguez-Chía

94 A combined transportation and scheduling problem
L. Equi, G. Gallo, S. Marziale and A. Weintraub

105 Linear programs for constraint satisfaction problems
H.J. Zimmermann and A. Monfroglio

124 Mean value cross decomposition applied to integer programming problems
K. Holmberg

139 Fixing variables and generating classical cutting planes when using an interior point branch and cut method to solve integer programming problems
J.E. Mitchell

149 Fuzzy programming for multiobjective 0–1 programming problems through revised genetic algorithms
M. Sakawa, K. Kato, H. Sunada and T. Shibano

159 Connectedness of efficient solutions in multiple criteria combinatorial optimization
M. Ehrgott and K. Klamroth

167 Symmetric dual multiobjective programming
L.N. Das and S. Nanda

172 The partial sum criterion for Steiner trees in graphs and shortest paths
C.W. Duin and A. Volgenant

183 Algorithms for network piecewise-linear programs: A comparative study
F.A.S. Marins, E.L.F. Senne, K. Darby-Dowman, A.F. Machado and C. Perin

200 Simple Lagrangian heuristic for the set covering problem
S. Haddadi

205 A method for convex curve approximation
X.Q. Yang and C.J. Goh

213 Error noted in a Case Study on fund allocation using goal programming
Md.F. Baki and N.M. Fraser

Feature Issue: Large-Scale, High-Priced Applications

215 Large-scale, high-priced applications: An introduction
M. Dror
220 Operations Research applications: Opportunities and accomplishments
H. Luss and M.B. Rosenwein
245 Crew pairing at Air France
G. Desaulniers, J. Desrosiers, Y. Dumas, S. Marc, B. Rioux, M.M. Solomon and F. Soumis
260 Solving large scale crew scheduling problems
H.D. Chu, E. Gelman and E.L. Johnson
269 Optimizing nuclear power plant refueling with mixed-integer programming
F. Fourcade, E. Johnson, M. Bara and P. Cortey-Dumont
281 Locomotive assignment with heterogeneous consists at CN North America
K. Ziarati, F. Soumis, J. Desrosiers, S. Gélinas and A. Saintonge
293 Evaluating the demand for supergauge trucks-on-trains services in Western Europe
J. Higginson, T. Hogan and M. Weil
308 Environmental integrated production and recycling management
Th. Spengler, H. Püchert, T. Penkuhn and O. Rentz
327 Environmental integrated production planning for the ammonia synthesis
T. Penkuhn, Th. Spengler, H. Püchert and O. Rentz
337 Reducing overcapacity in chemical plants by linear programming
G. Oxé
348 Scheduling of flexible flow lines in an automobile assembly plant
A. Agnetis, A. Pacifici, F. Rossi, M. Lucertini, S. Nicoletti, F. Nicolò, G. Oriolo, D. Pacciarelli and E. Pesaro
363 HADTS: A decision technology system to support Army housing management
G.A. Forgionne
380 Developing scheduling systems for Daewoo Shipbuilding: DAS project
J.K. Lee, K.J. Lee, H.K. Park, J.S. Hong and J.S. Lee
396 Intelligent control and optimization under uncertainty with application to hydro power
G.B. Dantzig and G. Infanger

409 Planning models for freight transportation (Invited Review)
T.G. Crainic and G. Laporte
439 Application of ELECTRE III for the integrated management of municipal solid wastes in the Greater Athens Area
A. Karagiannidis and N. Moussiopoulos
450 The relative performance of bivariate causality tests in small samples
J.R. Bult, P.S.H. Leeflang and D.R. Wittink
465 Improving PRETREE's predictive capabilities
D.H. Gensch and S. Ghose
480 Models for multi-echelon repairable item inventory systems with limited repair capacity
A. Díaz and M.C. Fu
493 The single-vendor single-buyer integrated production-inventory model with a generalised policy
R.M. Hill
500 An improved algorithm for cyclic flowshop scheduling in a robotic cell
E. Levner, V. Kats and V.E. Levit
509 Computational investigations of maximum flow algorithms
R.K. Ahuja, M. Kodialam, A.K. Mishra and J.B. Orlin
543 Stochastic decision making using multiplicative AHP
R. Ramanathan
550 Model choice in multicriteria decision aid
T. Al-Shemmeri, B. Al-Kloub and A. Pearman
561 A linear approximation model for the parameter design problem
Y. Fathi
571 A branch and bound algorithm for the traveling purchaser problem
K.N. Singh and D.L. van Oudheusden

580 A generalization of König–Egervary graphs and heuristics for maximum independent set problem with improved approximation ratios
V.Th. Paschos and M. Demange
593 Selecting the CP metric: A risk aversion approach
E. Ballestero
597 A note on ''A discussion of testing DMUs' returns to scale'' by Zhu and Shen. *European Journal of Operational Research* 81 (1995) 590–596
K.-P. Chang
600 A ranked voting system using a DEA/AR exclusion model: A note
A. Hashimoto
605 OR Software
H. Thiriez
607 Book Reviews
H. Fleuren (ed.)
611 Contents Volume 97